FLORIDA ATLANTIC UNIVERSITY
Department of Electrical Engineering and Computer Science
College of Engineering & Computer Science

M.S. in Information Technology & Management (EG-MS-EGIT-DSAL)
Concentration: Computer Science Data Analytics
Program Worksheet

Name: _____   Z#: _____   Starting Term: _____

Phone #: _____   Overall GPA: _____   Date: _____

Degree Requirements
Students can choose between thesis and non-thesis options. Both options require a minimum of 30 credit hours (crs). Regardless of the option chosen, all students must complete the following requirements:
- Maintain a minimum 3.00 GPA to remain and graduate from the program.
- All courses within the degree program must be completed with a letter grade of "C" or higher.
- A minimum of 15 credit hours must be taken at the 6000 level.
- A maximum of 3 credit hours of Directed Independent Study (DIS) can be taken (faculty approval required).
- After completing 9 credit hours of coursework, students are required to submit a Plan of Study (POS) via MyPOS.

Thesis Option Requirements
- Students must secure a Thesis Advisor.
- Complete **6 credits hours** of Master's Thesis under the supervision of a faculty advisor.

See additional Thesis Requirements on the last page

Prerequisite Courses Required for Admissions (Mandatory, need to be taken first semester)

Course Number & Title	Semester Taken	Grade

Core Courses- Required to take all three (9 crs) listed below.

Course Number & Title	Semester Taken	Grade
CAP 5768 Introduction to Data Science		
CEN 5035 Software Engineering		
COP 6731 Theory and Implementation of the Database Systems		

The program worksheet undergoes periodic review and is subject to change.
This worksheet is intended to assist with tracking your coursework and completing the required POS.

Electives- Complete four electives (12 crs) if non-thesis option: minimum two graduate courses with prefix CAP <u>and</u> two graduate courses with prefixes: CAP, CDA, CEN, CIS, COP, COT, or CNT.
Complete two (6 crs) electives if thesis option: <u>required </u>to take two graduate CAP courses.

Course Number & Title	Semester Taken	Grade

Electives- Complete three electives (9 crs) from the ITOM courses listed below:

Course Number & Title	Semester Taken	Grade
ISM 6136 Data Mining and Predictive Analytics		
ISM 6217 Database Management Systems		
ISM 6404 Introduction to Business Analytics and Big Data		
ISM 6405 Advanced Business Analytics		
ISM 6427C Business Innovation with Artificial Intelligence		
ISM 6555 Social Media and Web Analytics		
ISM 6930 Special Topics		
QMB 6303 Data Management and Analysis with Excel		
QMB 6603 Data Analysis for Managers		

Thesis Option- Complete 6 credit hours of Thesis. Student is required to have a thesis form signed by a faculty advisor to register for thesis credits.

Course Number & Title	Semester Taken	Grade

List any Directed Independent Study (DIS) course here. Student is required to have a DIS form signed by a faculty advisor to register for a DIS course.

Course Number & Title	Semester Taken	Grade

The EECS Department may approve substitutions for core or elective courses. List any course substitutions here. Student is required to have advisor approval in writing.

Course Number & Title	Indicate "core" or "elective"	Semester Taken	Grade

List all courses here with letter grades lower than a "C".

Course Number & Title	Semester Taken	Grade

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Eligibility Requirements for Thesis Candidacy:

Students may apply for candidacy upon completing 9 credit hours of coursework and maintaining a 3.00 overall/cumulative GPA. Students must prepare a POS via MyPOS in consultation with their graduate advisor, detailing the courses necessary for fulfilling their degree requirements. Approval from the student's advisor is required for all listed courses.

Students working toward the MS Thesis option degree may <u>not</u> register for thesis <u>credits</u> <u>until</u> their POS has been approved.

The Thesis Committee is composed of:
• At least three faculty members
• A minimum of two members are from the EECS Department
• The Committee Chair from the EECS Department

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